

Providing greater key management protection to reduce the cost and complexity of compliance

Customer Profile

- Netgiro is the leading full service payment solution provider for e-merchants worldwide

Business Challenges

- *Comply with PCI requirements*
- *Displace existing in-house, software-based solution for the protection of IBM DB2 system*
- *Scalable solution that would allow them to expand for future business requirements*

Solution

- SafeNet Luna SP Hardware Security Modules
- Custom java interface allows for easy integration into multiple systems and applications

Netgiro is a leading, full service payment solution provider for e-merchants around the world—connecting businesses to local payment methodologies.

Business Challenge

In order to continue providing their clients with secure and expedited payment services, Netgiro needed to become PCI compliant, as well as adhere to other payment methods such as EFT, direct debit, Internet bank payments, checks, and EMV. Since this was such an extensive investment, Netgiro wanted to select a solution that was scalable, secure, and would meet their future business requirements.

Realizing that their current, in-house software solution was not as secure as it could be, leaving them open to potential vulnerabilities, Netgiro wanted to find a hardware-based key management solution to protect their IBM DB2 system. When evaluating different options, they wanted to pick a solution that met the following criteria:

- Scalable and would allow them to leverage the investment to secure other applications and systems
- FIPS compliant
- Adequate throughput for current and future performance needs
- Extensive application interface that would allow them to expand the protection for different needs
- Easy to integrate and manage
- Documentation and administrative functions for ongoing manageability and auditability

Solution

Realizing that data encryption is one of the toughest PCI requirements, Netgiro was looking for a solution that was powerful and secure, yet easy to integrate with their Java application layer. After a thorough evaluation process, Netgiro chose the SafeNet Luna SP Hardware Security Module (HSM). The Luna SP HSM secures applications with a protected application execution environment, using powerful access control policies and integrated FIPS hardware. Hardware key management ensures that cryptographic keys and processes are stored and managed exclusively within the confines of the HSM—protecting the integrity of applications and delivering high-performance cryptographic processing and key management.

The implementation was straightforward, taking only nine months for the system integration due to the easy program interface and assistance from SafeNet's technical services group. "The professionalism and expertise of SafeNet sales and support, as well as the advanced feature set, really helped us integrate this solution to protect our database environment and become PCI compliant quickly. We are pleased with the entire project and will be integrating the Luna SP into other applications as our business grows," says Rickard Schoultz, System Architect at Netgiro.

Benefits

In addition to being PCI compliant, Netgiro is proud to be able to provide their customers with both the integrity and credibility offered through hardware-based key management. Netgiro is confident that they have a trusted solution that is known in the market and will protect them against potential data breaches and losses. By taking a hardware-based approach to protecting their databases, Netgiro has built an extensible security foundation that will grow with the organization, as their IT environment diversifies, and as data privacy needs change over time.

Netgiro understood the cost-saving benefits to be derived from taking a strategic approach to its security strategy, and is now realizing the upstream benefits to encryption—their technological commitment to consumer protection has made them more competitive and boosted the value of Netgiro's brand and customer loyalty.

- SafeNet Luna SP's Java service environment and API support allowed for ease of integration through Netgiro's database and application environments.
- Netgiro is now fully compliant with PCI data encryption standards, and also meets specific encryption requirements for other payment methods.
- SafeNet's scalable, high-performing solution allows Netgiro to leverage their investment to protect other databases and applications.

SafeNet Enterprise Data Protection

SafeNet is the only company to offer all of the necessary solutions required for truly comprehensive data protection throughout the enterprise. SafeNet's complete line of EDP solutions includes database and application encryption, network encryption, key management systems, disk and file encryption, authentication tokens, and digital rights management. These products, when deployed as a solution, provide the most comprehensive and effective application, control, and management of data encryption, protecting across databases, applications, networks, and end point devices. For more information, visit www.safenet-inc.com.

"The integrity and confidentiality provided by SafeNet's hardware-based security gave us the confidence that our customer's sensitive data and transactions would be secure, that we would meet PCI compliance, and that we wouldn't be in fear of a data breach"

Rikard Carlsson
Security Officer
Netgiro Systems AB